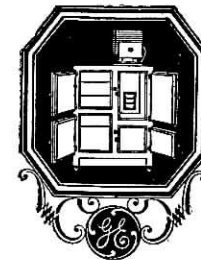


Food

ITS PROPER REFRIGERATION



GENERAL ELECTRIC
REFRIGERATOR

GENERAL ELECTRIC

GEB-15A
Supersedes GEB-15

The Story of Refrigeration

THIS publication contains information as to the proper refrigeration of food. It describes accomplishments made possible by the unusual manufacturing facilities and engineering experience of the General Electric Company.

PERHAPS you remember mornings in late November and early December, when the white frost was on the ground, and the cold, dry, air seemed almost to sparkle in the sunlight. Perhaps you remember how briskly you walked, how deeply you breathed; perhaps you recall the way your blood raced through your veins, and the feeling of new vigor which those mornings gave you.

It is exactly this same dry December atmosphere which is ideal for the refrigeration of food. Extensive government experiments have shown conclusively that atmosphere must be dry and must be cold—below 50 degrees Fahrenheit—if food is to be kept in perfect condition.

Since the very beginning of civilization, the problem of proper refrigeration has been of recognized importance to the human race. Even in the days when every man was his own provider, and when the woods and streams yielded food whenever it was wanted, man sought means of keeping food from one day to the next. As civilization progressed, this need for a method of preserving food became steadily more important. Man lost his all-round adaptability; he began to specialize, so that the procuring of food was not a part of everyone's life. It was at this point, especially, that the need for effective refrigeration became urgent.

Although improved means of refrigeration were eventually found, the demands of health and comfort increased so fast that the older methods soon became obsolete. Established methods were inconvenient in many ways, and did not conform to the standards of living which characterize modern life.

*Older Methods
Soon Became
Obsolete*



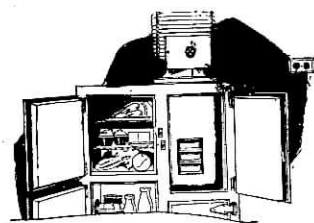
The Remedy

This new need was finally met. From the time when electric refrigeration was a luxury for the fortunate few, until today, when it has found an established place in thousands of homes, and is going into many more every day, the electric refrigerator has offered a means of food preservation which does away with every disadvantage in the older methods.

The most important of the advantages which the General Electric Refrigerator offers is, of course, the fact that it preserves food perfectly. It is not dependent upon outside sources for its cold, but contains within itself everything necessary for the establishment of a temperature adequate to the purposes of correct refrigeration. The chilling unit keeps the box constantly at between 40 and 50 degrees Fahrenheit and maintains this correct temperature day in and day out, with little attention. It is not necessary to prepare for sudden changes in temperature, for the General Electric Refrigerator automatically adjusts itself to the alternation of hot and cold periods. Since this adjustment is automatic, there is no waste of current.

The atmosphere within the box is always dry—a fact which is of the utmost importance in the operation of any refrigerator. Moisture, which enters the box when the doors are opened, is drawn from the air and deposited as frost on the chilling unit.

As a result of this steady dry cold, foods are preserved for a much longer time, and spoilage is reduced to a minimum. Milk remains fresh and sweet for days; eggs are kept as perfectly as in a cold storage plant; meats stay fresh; and vegetables and fruits are palatable for days after they are picked.



*The New and Ideal
Method of
Refrigeration*

Four

As to Sanitation

The General Electric Refrigerator is sanitary. The dryness of the atmosphere prevents the multiplication of the bacteria which every food contains, and which thrive in dampness. The compartments, which are lined with spotless, white, vitreous enamel—which does not darken with age—can be cleaned with little trouble, by using a damp cloth, and offer no sharp projections to catch and hold foreign substances.

Ample space is allowed between the chilling unit and the sides of the cabinet, in order that the remotest corner may be cleaned easily and well.

The electric refrigerator prevents the multiplication of bacteria and the emanation of food odors because it maintains the proper refrigerating temperature with very little fluctuation. Foods are in an atmosphere which is constantly below 50 degrees Fahrenheit—the temperature which has been found ideal for all refrigerating purposes.

This uniform temperature, together with the dry atmosphere which results from refrigeration by this method, permits a continuous circulation of the air within the cabinet without causing odors to affect even the most delicate foods. The result is an increased palatability and healthfulness.

The possibilities for the absolutely sanitary storage of food which are offered by the General Electric Refrigerator are of special importance, for an unsanitary refrigerator is a constant source of danger. With the General Electric Refrigerator, mothers can be assured of delicious, well-kept food for their families at all times.



*The Health of
the Family
is Assured*

Five

Other Advantages

The opportunities which the General Electric Refrigerator offers for enriching the menu have already been mentioned. It can also make an abundance of ice, frozen in small clear cubes from your drinking water. Every home needs ice—to chill drinks, to cool salads, to serve on the butter plate—and the General Electric Refrigerator supplies more than enough for these purposes. Then, too, the ice is in a most convenient and dainty form.

These ice cubes have the advantage of absolute purity. They are made in the home and never touched, except by the person who uses them.

It is possible, also, to freeze cubes of pure fruit juice or of colored and sweetened water, for use in cold drinks. These little cubes can do much to enhance the pleasure of the afternoon tea, and often add that little touch which prevents an affair from being "just another tea."

An additional word should be said about the interior of the General Electric Refrigerator. Finished entirely in white vitreous enamel, it presents always an appearance of spotless cleanliness. This material does not darken as it grows older, and it will not easily crack or chip. Exhaustive experiments have shown it to be the ideal finish in which durability, a good appearance, and cleanliness are all combined.

This refrigerator requires no attention, except an occasional defrosting of the chilling unit. The refrigerating mechanism itself has been hermetically sealed at the factory. The lubrication of all moving parts is entirely automatic. The owner need never touch the mechanical part of the machine.



*Pure Ice Cubes
for Table Use*

Eight

Its Operation

The mechanism of the General Electric Refrigerator is unique in its ability to deliver uninterrupted service, with a minimum of attention. This is the result of its simplicity of construction.

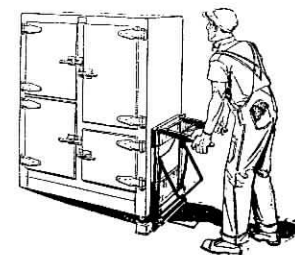
There are no exposed parts in the mechanism of this refrigerator. There is no danger of contact with moving parts, since they are all completely enclosed.

The cabinet can be located in any convenient place, since the unit is entirely self-contained, and no piping is used. There is no need for plumbing or for the drilling of holes for pipes.

The control is automatic, both in regulating the temperature of the cabinet, and in protecting the machine. This automatic control maintains a constant chilling unit temperature of from 16 to 24 degrees Fahrenheit, which keeps the cabinet's atmosphere at a temperature varying from 40 to 50 degrees. All parts of the control are adjusted at the factory, and should never be touched. A push-button and the handle of a tumbler switch project through the control box. The tumbler switch may be stripped to defrost the chilling unit, and to start the machine again after defrosting; the function of the push-button is explained on the instruction card supplied with each refrigerator.

Because the General Electric Refrigerator is an entirely self-contained unit, it can be installed in very little time, and without inconvenience to the household. The cabinet is brought into your home, placed where it will be most convenient, assembled, and is then ready for operation. After installation the refrigerator is ready to operate automatically, reliably for years.

*It May Be Installed
Quickly and Without
Inconvenience*



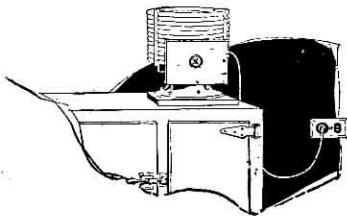
Nine

A Unique Feature

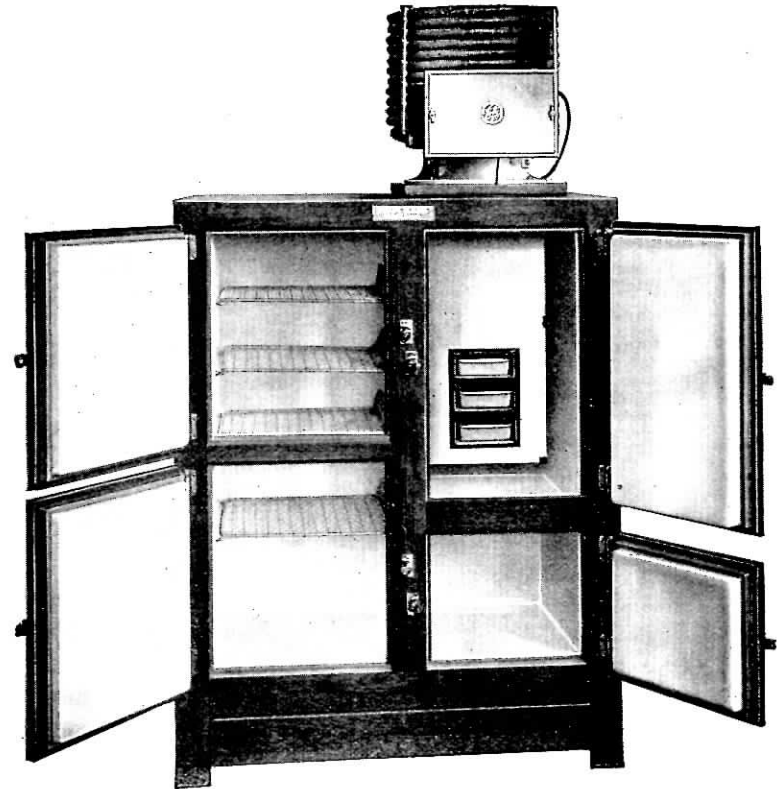
Just as the kitchen is the workroom of the house, so are kitchen implements the tools. Realizing that the utmost effectiveness is required of tools, the General Electric Company has designed this refrigerator to meet, in the highest degree, every requirement of utility, economy, and endurance. With this intent the mechanism has been planned and the lines shaped.

Special attention is called to the advantages which accrue only when the mechanical unit is placed above the refrigerating chamber instead of beneath it. Among these advantages are simplicity and convenience of operation, absence of pipe joints and service valves, and convenience in dusting. Above all, it provides unit construction, which supports the manufacturer's purpose of making a refrigerator that will operate for years without attention and that, in case of emergency, permits the mechanical unit to be lifted out and replaced without the opening of pipe joints or the loss of time. The slight heat emanating from the mechanism rises to the ceiling instead of enveloping the refrigerating chamber—another of the advantages which can be obtained only when the moving parts are enclosed and mounted above the chamber. The General Electric Refrigerator alone is characterized by these features, which make it the most effective of all home refrigerating implements.

With this construction, cooling of the coils is provided for by the natural circulation of the air. There is no need for forcing air over the mechanism; there is, therefore, neither fan nor belt. The results are less noise in operation, less possibility of interrupted service, and freedom from the constant necessity of oiling, inspection, and adjustment.

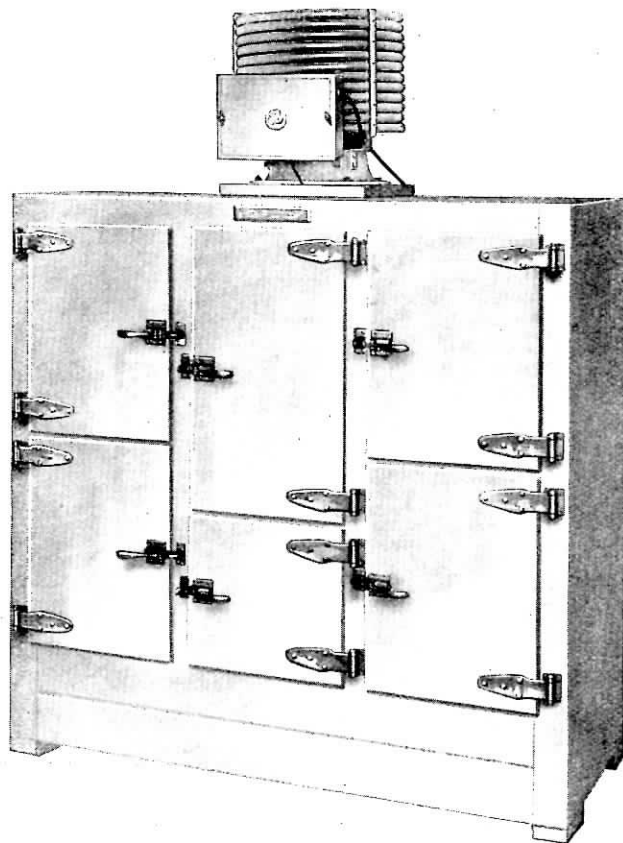


*No Moving Parts
Are Exposed*



Type A14—Natural Oak Finish
Type B14—Ivory Enamel Finish

DEPTH OVER FITTINGS.....	25 ⁵ / ₈ inches
WIDTH.....	41 inches
HEIGHT OF BOX.....	53 ³ / ₄ inches
HEIGHT OF UNIT ABOVE BOX.....	20 inches
SQUARE FEET OF SHELF SPACE.....	12
TOTAL CUBIC FOOT CAPACITY.....	14
CUBIC FEET OF STORAGE SPACE.....	9
TOTAL WEIGHT, INSTALLED.....	666 pounds
CABINET LINING..	Vitreous porcelain fused on steel
CABINET INSULATION.....	2-inch sheet corkboard



Type A20—Natural Oak Finish
Type B20—Ivory Enamel Finish

DEPTH OVER FITTINGS.....26 inches
WIDTH.....60 inches
HEIGHT OF BOX.....56 inches
HEIGHT OF UNIT ABOVE BOX.....20 inches
SQUARE FEET OF SHELF SPACE.....22
TOTAL CUBIC FOOT CAPACITY.....20
CUBIC FEET OF STORAGE SPACE.....15
TOTAL WEIGHT, INSTALLED.....880 pounds
CABINET LINING.. Vitreous porcelain fused on steel
CABINET INSULATION.....3-inch sheet corkboard

The General Electric Refrigerator

Is Completely Enclosed and Self-contained
Requires no Attention for Lubrication
Has no External Moving Parts
Operates Automatically and Economically
Necessitates no Plumbing for Installation
Can be Operated from an Electric Outlet
Requires no Special Location
Is Portable



The G-E monogram—a symbol of service in many fields of electrical endeavor—marks the products made by General Electric. It is found on generators in the central stations, on MAZDA lamps that light our homes, on motors that operate many household appliances.

Now it is found on the General Electric Refrigerator—a significant mark of skilled engineering, operating economy, and long-lived reliability.

This assurance of reliability and economy in operation is your guarantee of satisfaction when you buy a General Electric Refrigerator.

INTERSTATE REFRIGERATING AND EQUIPMENT COMPANY

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DAVENPORT, IOWA
PHONE: DAVENPORT 3235

Food

ITS PROPER REFRIGERATION

